

BEST AVAILABLE COPY



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/088,727 06/02/98 FRY

M 36-1227

NIXON & VANDERHYE
8TH FLOOR
1100 NORTH GLEBE ROAD
ARLINGTON VA 22201

LM02/1108

EXAMINER

FARAH, F

ART. UNIT

PAPER NUMBER

2756

DATE MAILED:

11/08/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trad marks

Office Action Summary

Application No.
09/088,727

Applicant(s)
Fry, Ghosh

Examiner
Farzaneh Farahi

Group Art Unit
2756



☐ Responsive to communication(s) filed on _____

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 1-11 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-11 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 7

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit:

DETAILED ACTION

Drawings

1. The drawings are objected to because they must be labeled as referenced in specification. Correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

3. Claims 1, 4, ⁵6, 7, 10 and 11 are rejected under 35 U.S.C. 102(e) as being anticipated by Gramlich U.S. Patent No. 5,826,025.

Gramlich discloses a system comprising a Proxy server between a Web server and a Web client.

Gramlich discloses AOP which is a software routine that runs on the proxy server that allows requested documents to be annotated, filtered and transformed.

In regards to claims 1, 5, 6, 10 and 11, *A method of transmitting data form a first server computer to a client computer, method comprising the steps of transmitting the data from the*

Art Unit:

first server computer (WWW server) to a second server computer (dynamic proxy server) in a first encoding format, transforming the data from said first encoding format to a second encoding format at the second server computer and transmitting the transformed data in said second format to the client computer from the second server computer. (Referring to Fig. 1, there is shown a block diagram of a preferred embodiment, which includes a Web client, a proxy server coupled to Web client and Web servers, each of which are coupled to the proxy server. An annotation overlay proxy (AOP) executes in the proxy server.) [Col 3, Line 61] The AOP like any other proxy communicates with entities connected to the Web, such as the Web client or the Web server, using the standard HTTP proxy server communications protocol. All functions of the AOP are directed by a set of local AOP procedures.) [Col 5, Line 18] (the AOP can also transform the data being returned by the Web servers to the Web browser.) [Col 5, Line 33] (The AOP then creates a merged document by transforming the returned image of the requested document according to the information from annotation.) [Col 6, Line 16]. By this rationale **claims 1, 5, 6, 10 and 11** are rejected.

In regards to claims 4 and 7, *wherein the transforming performed by the second server computer (dynamic proxy server) is determined by the content of a protocol downloaded to the second server computer from a third server computer.* (Generally, the AOP builds the annotation directory only upon receiving the HTTP sources message.) [Col 5, Line 49]. By this rationale **claims 4 and 7** are rejected.

Art Unit:

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2, 3, 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gramich, U.S. Patent No. 5,826,025. In regards to claims 2, 3, 8 and 9, (*wherein the data is transmitted from the first server computer (WWW server) to the second server computer (proxy server) using a first transport protocol (TCP) and the transformed data is transmitted from the second server computer (proxy server) to the client computer using a second transport protocol (UDP)*) Gramich discloses a system that introduces a proxy server between Web servers and clients that allows parts of requested document to be annotated or transformed before the documents are viewed with a Web browser. Gramich discloses the invention substantially as claimed. (The AOP is coupled to the Web servers and communicates with the Web servers using standard Internet (TCP/IP) and WWW (HTTP) protocols.) [Col 4, Line 20]. Gramich teaches that TCP/IP and HTTP are the protocols used to connect the proxy server to the Web server and the client computer. However he does not disclose specifically the transport protocol from the client computer to the proxy server and for the proxy server to the Web server. It is common knowledge in the prior art to specify the transport protocol for each connection in the network for the purpose of prioritizing of one protocol over the other. It would have been

Art Unit:

obvious to one having ordinary skill in the art at the time the invention was made to specifically use TCP transport protocol to transmit data from the Web server to the proxy server and the UDP transport protocol to transmit data from the proxy server to the client computer in Gramich network because doing so TCP transport protocol would have provided the system with a reliable delivery of data from the Web server to the proxy server and UDP would provide a faster data transfer from the proxy server to the client to enhance the speed of data transmission. By this rationale **claims 2, 3, 8 and 9** are rejected.

Citation of Pertinent prior Art

U.S. Patent No. 5,673,322 System and Method for Providing Translation and Filtering to
Access the World Wide Web from Wireless or low Bandwidth
Networks

U.S. Patent No. 5,710,918 Method for Distributed Task Fulfilment of Web Browser requests

U.S. Patent No. 5,918,018 System and Method for Archiving Network Separation

Conclusion

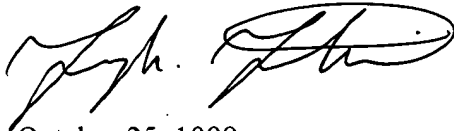
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Farzaneh Farahi whose telephone number is (703) 308-6118. The examiner can normally be reached on Monday through Friday from 7:00 to 3:00.

Art Unit:

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Frank Asta, can be reached on (703) 305-3817. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-5359.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Farzaneh Farahi



October 25, 1999



FRANK J. ASTA
SUPERVISORY PATENT EXAMINER
GROUP 2700